

**FIG. 1**

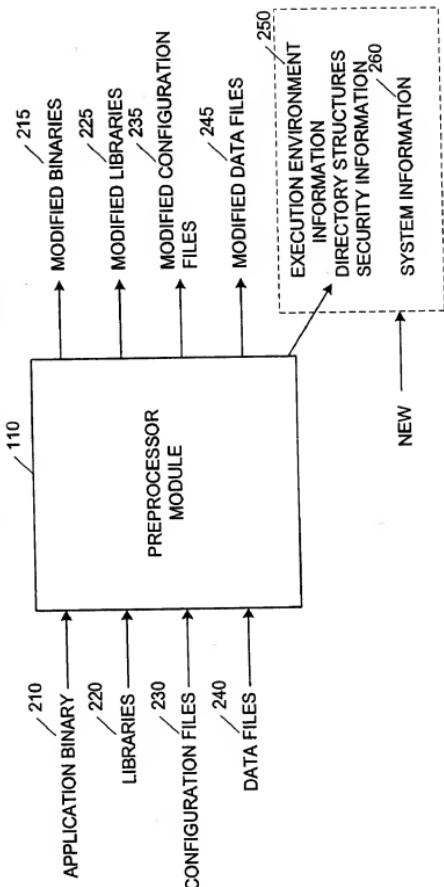


FIG. 2

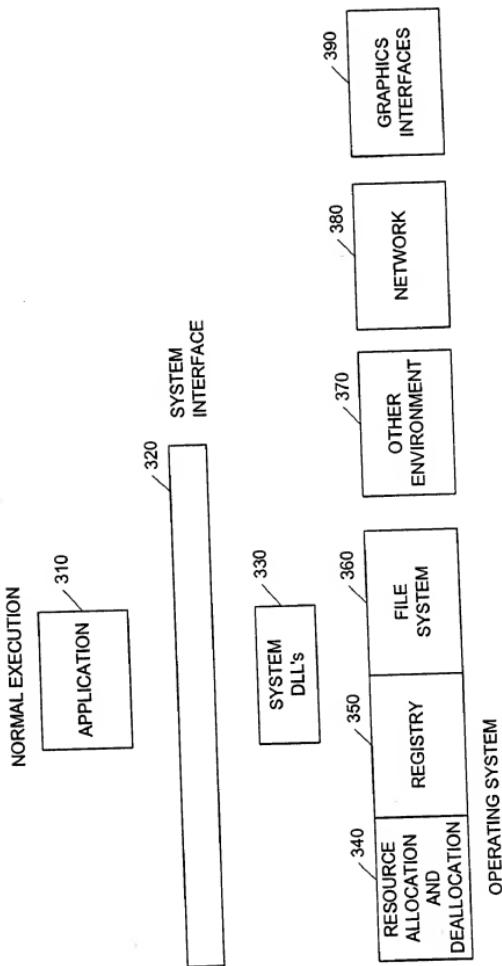


FIG. 3

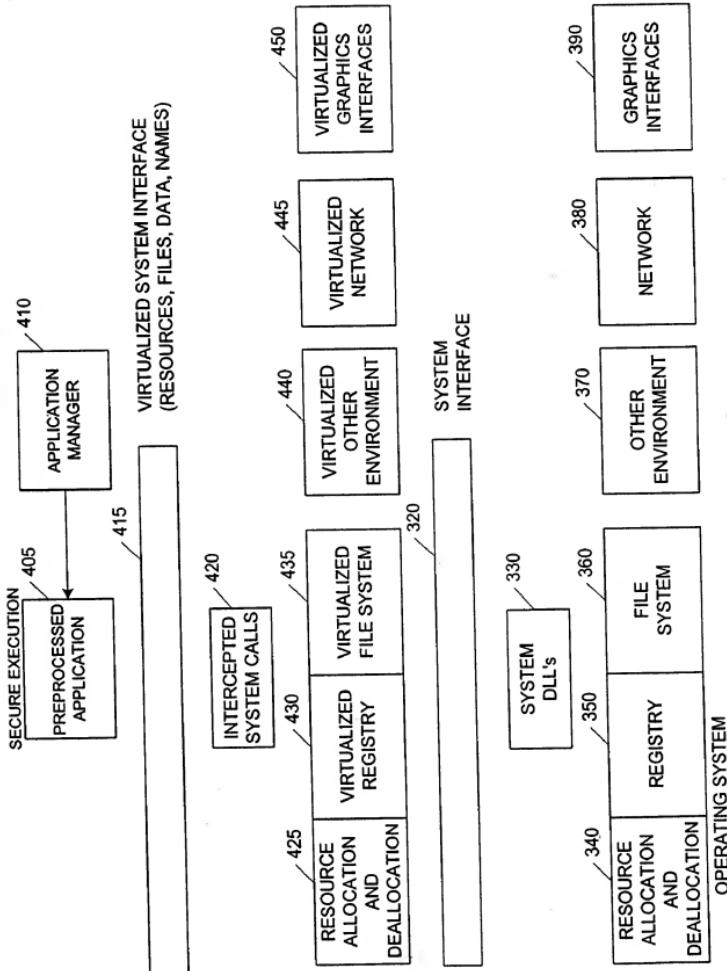
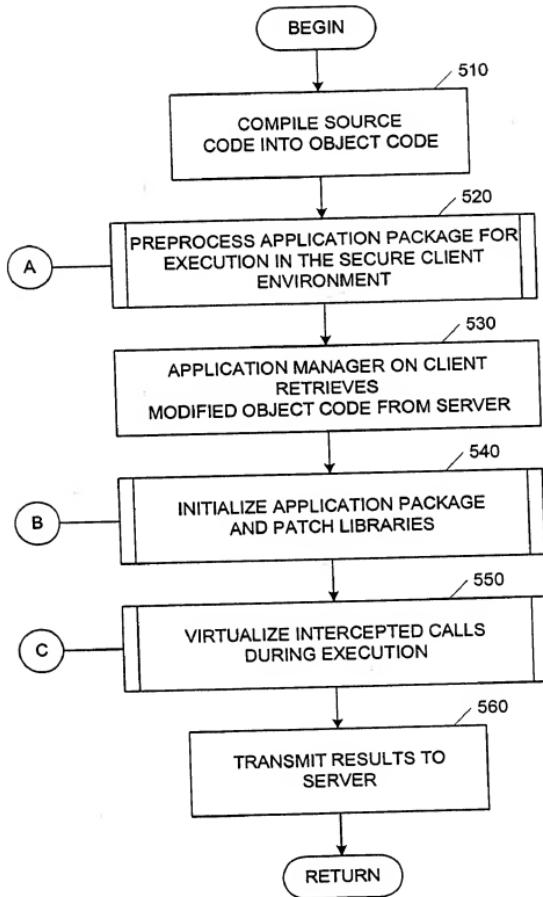
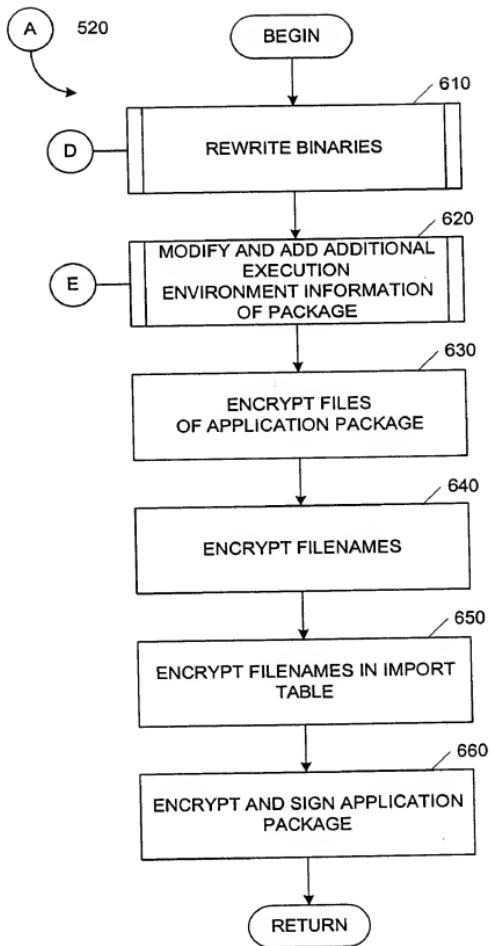


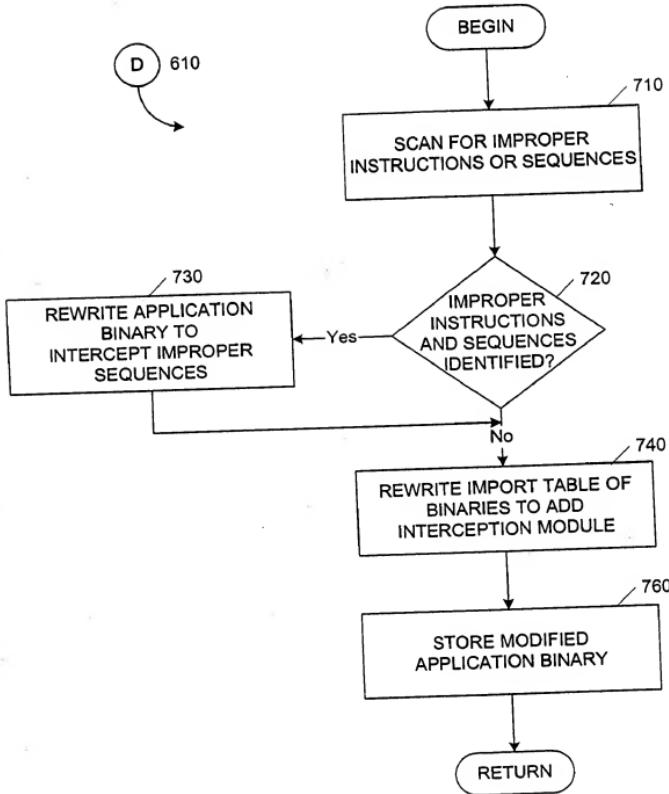
FIG. 4



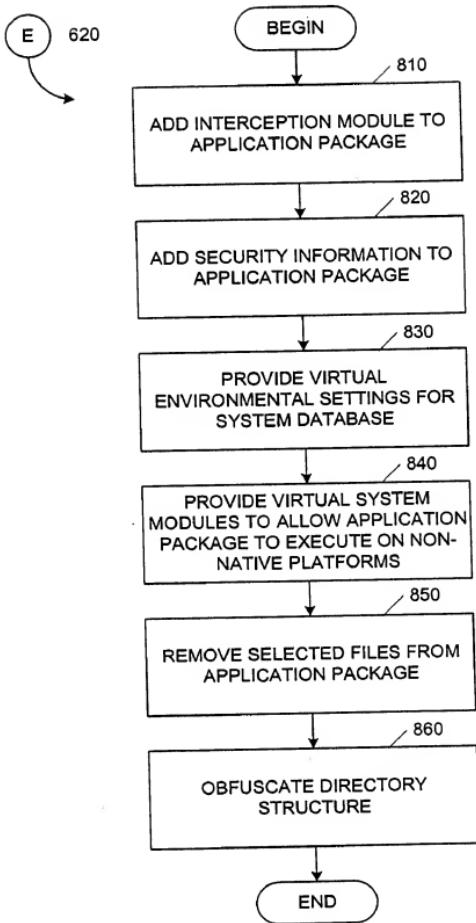
**FIG. 5**

**FIG. 6**

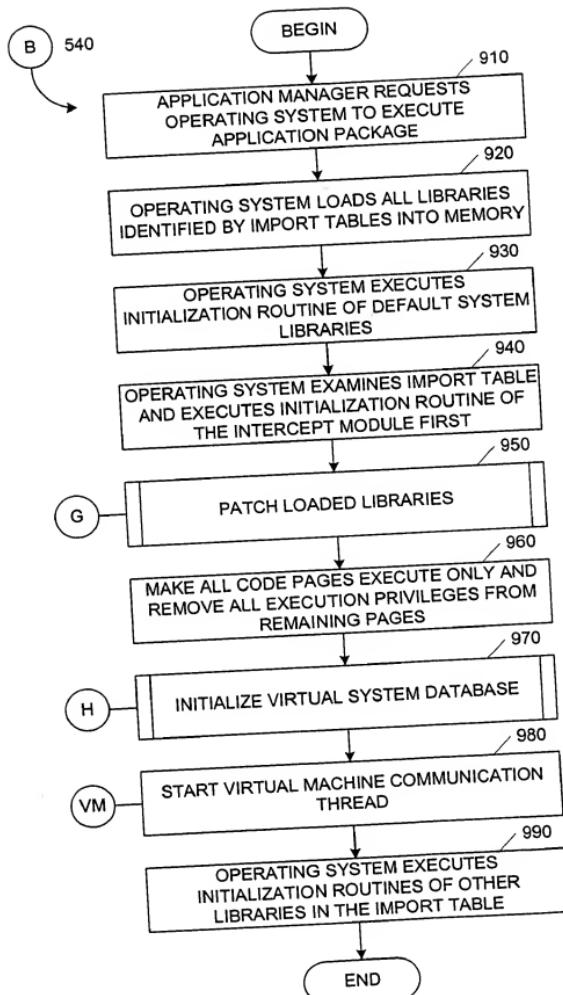
TOP SECRET//SI



**FIG. 7**

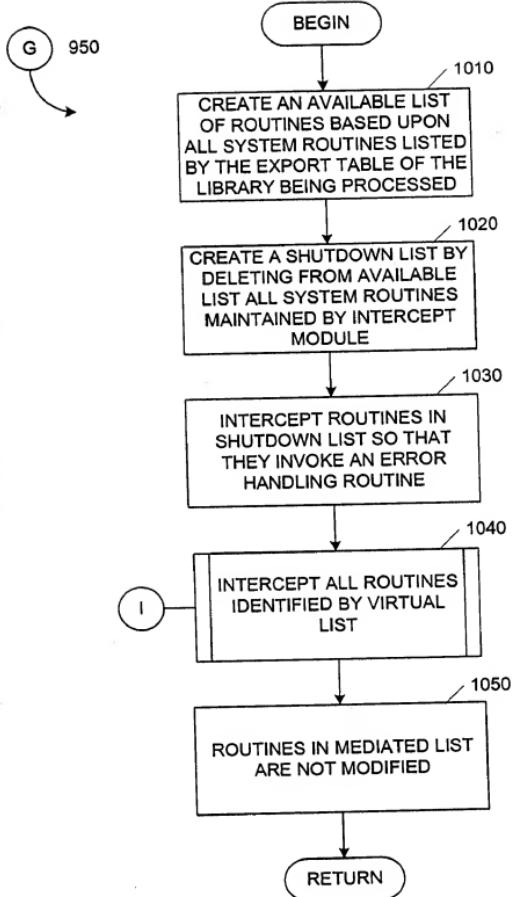


**FIG. 8**

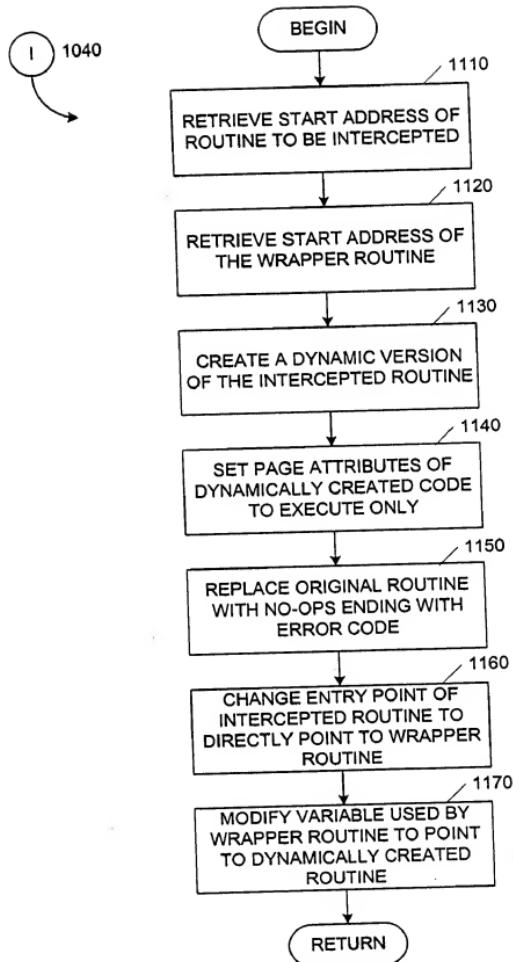


**FIG. 9**

TOP SECRET - 50102500

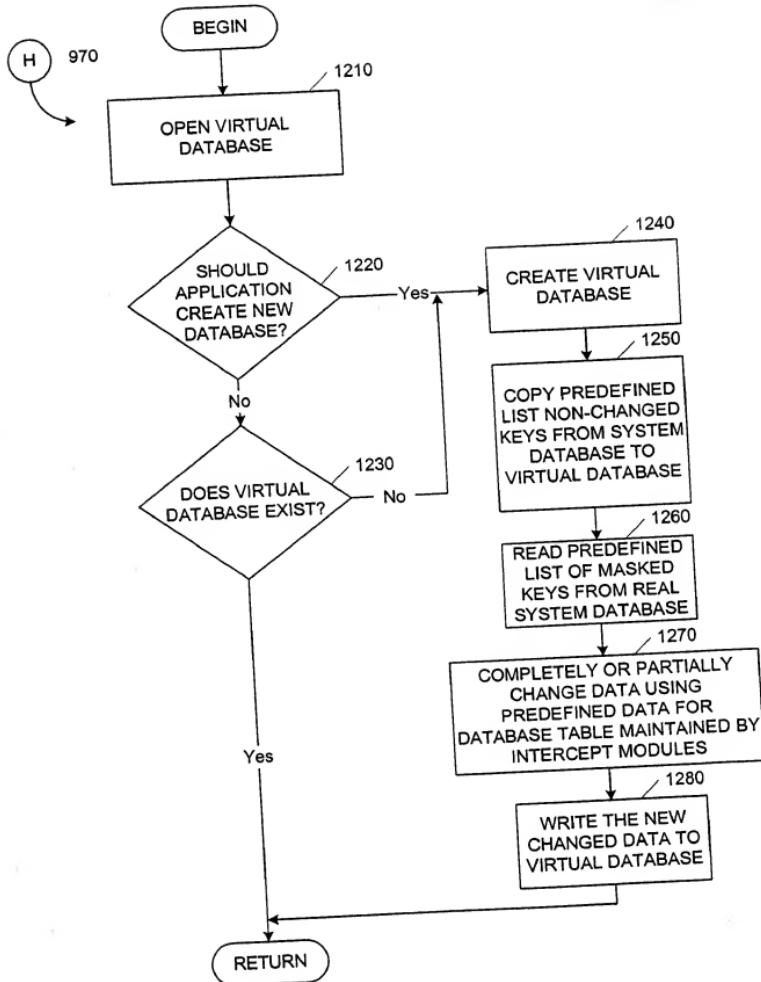


**FIG. 10**

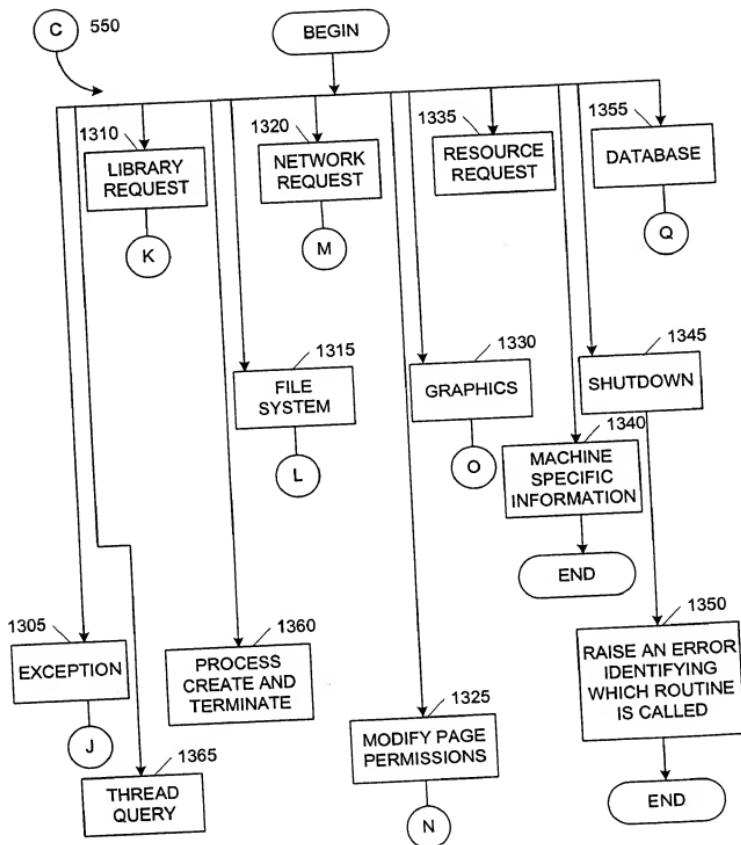


**FIG. 11**

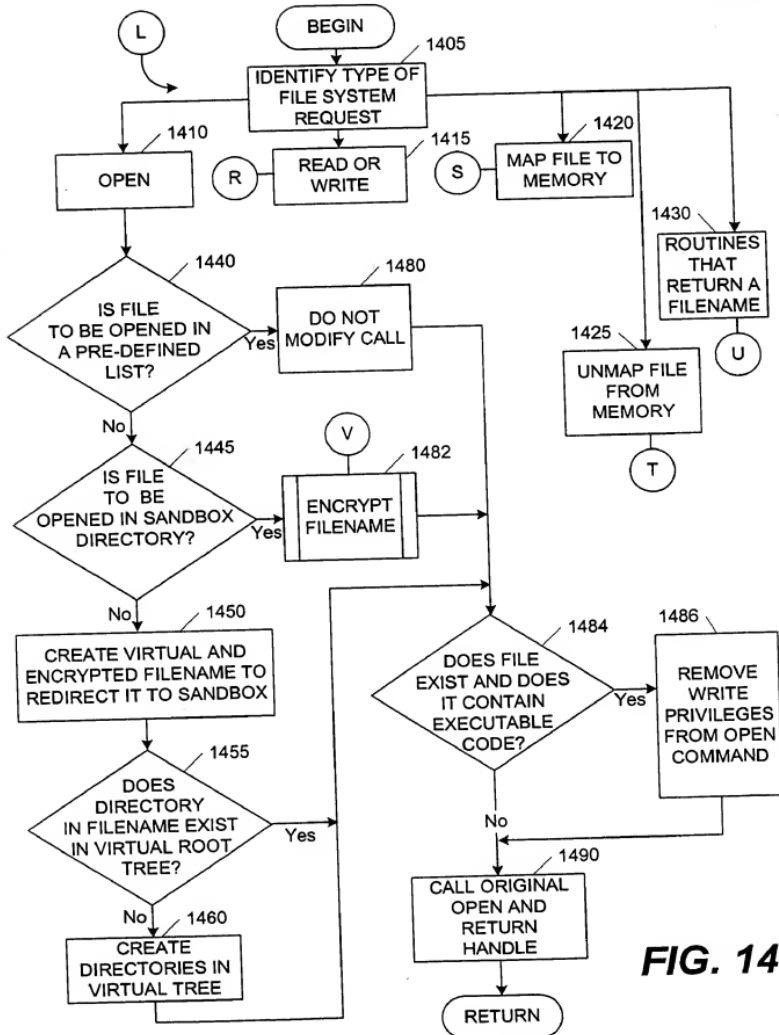
03-04-05-06-07-08-09-10-11-12-13-14

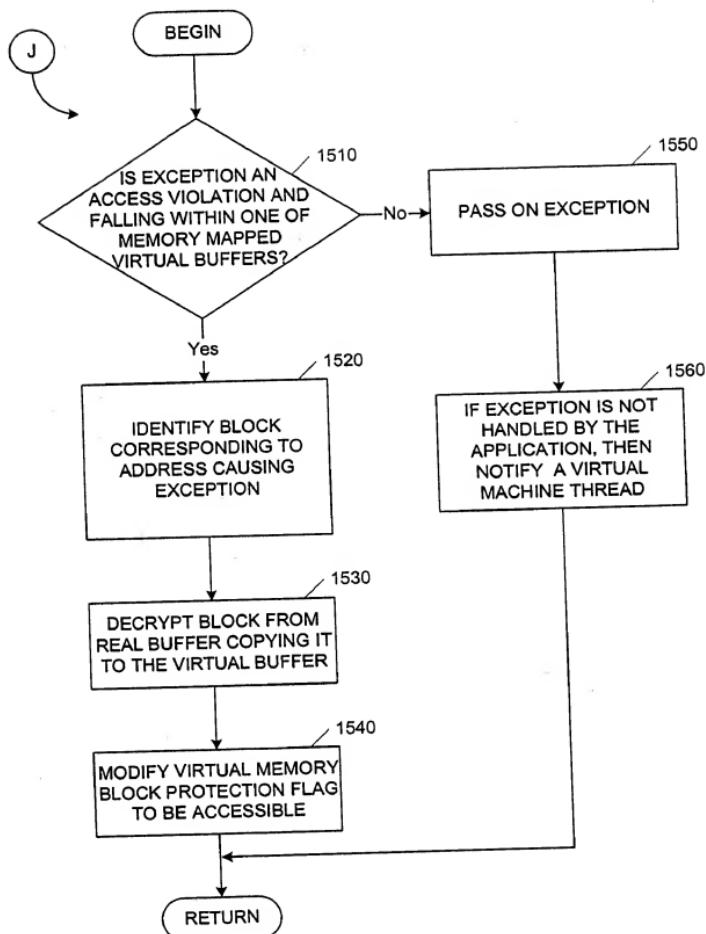


**FIG. 12**

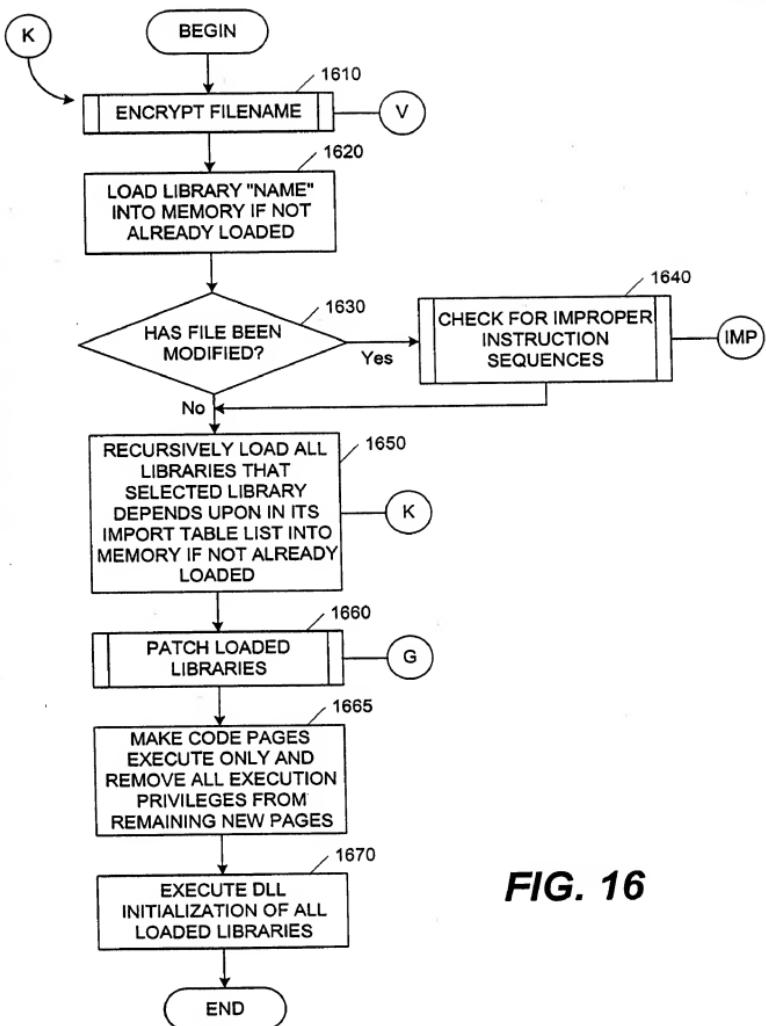


**FIG. 13**



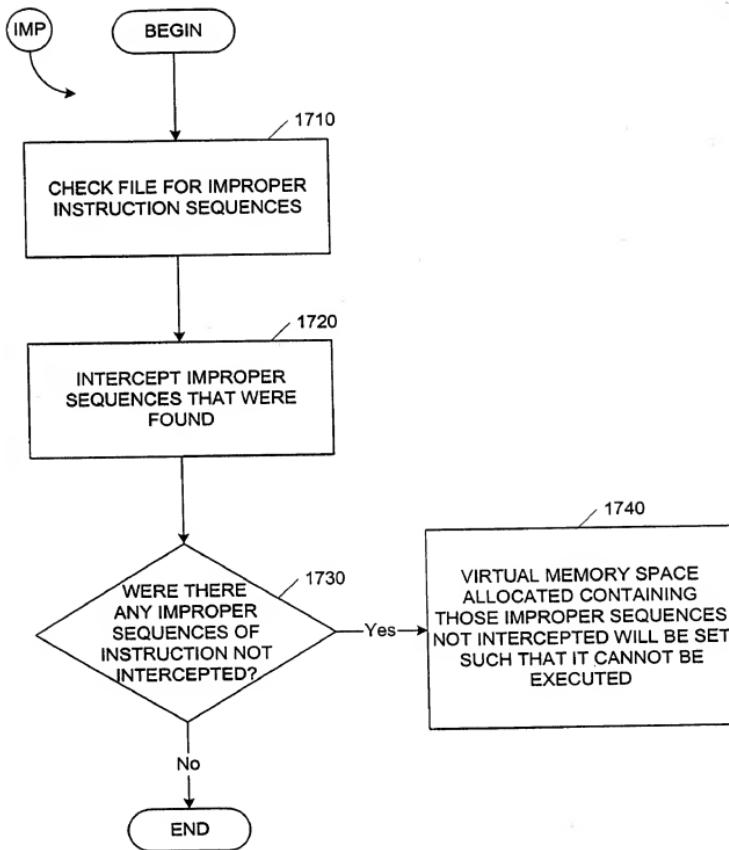


**FIG. 15**



**FIG. 16**

103369-001472400



**FIG. 17**

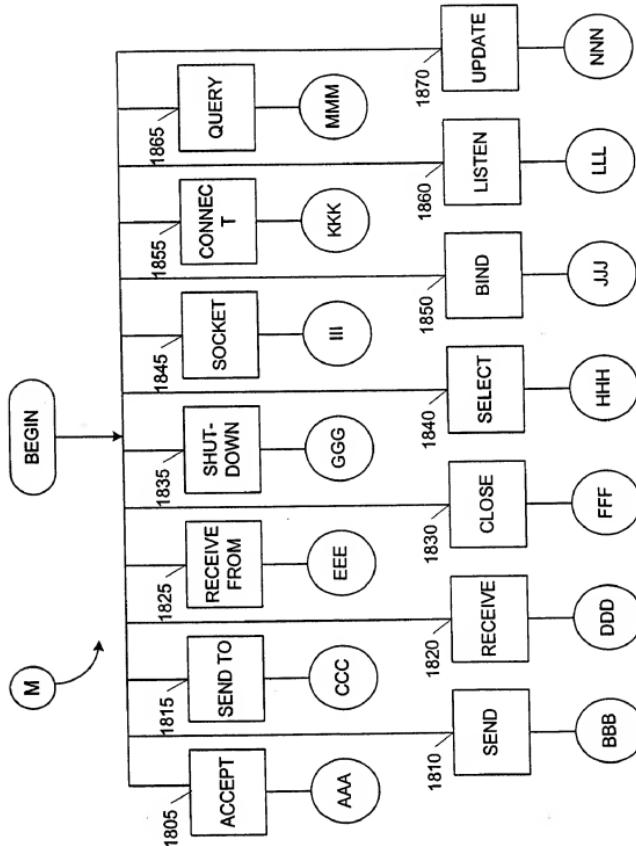


FIG. 18

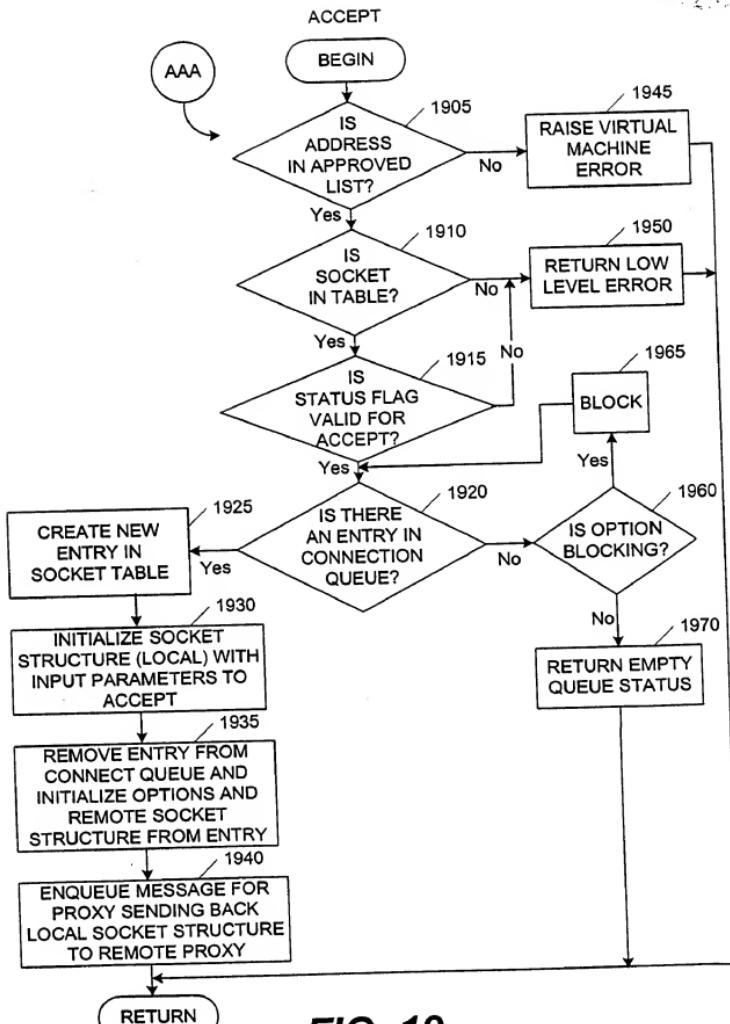
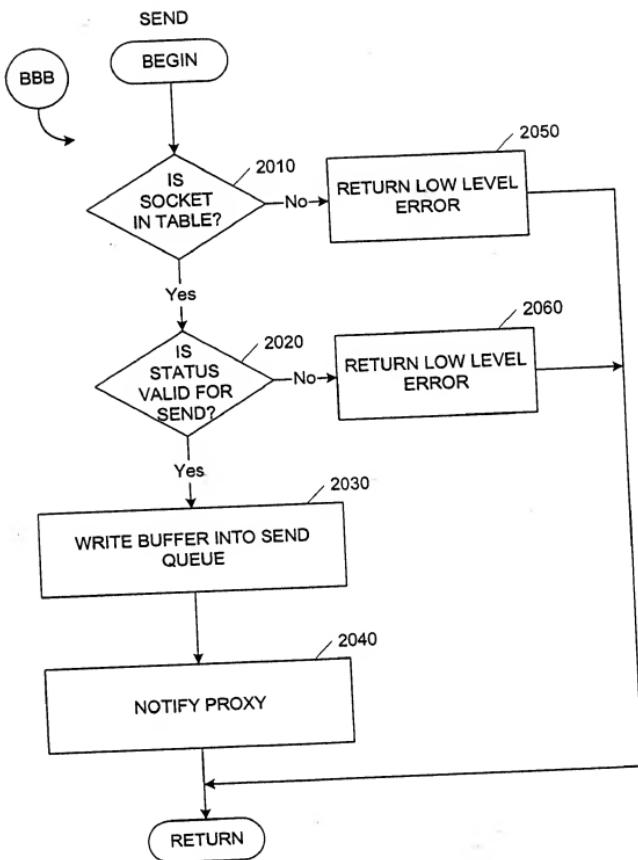


FIG. 19



**FIG. 20**

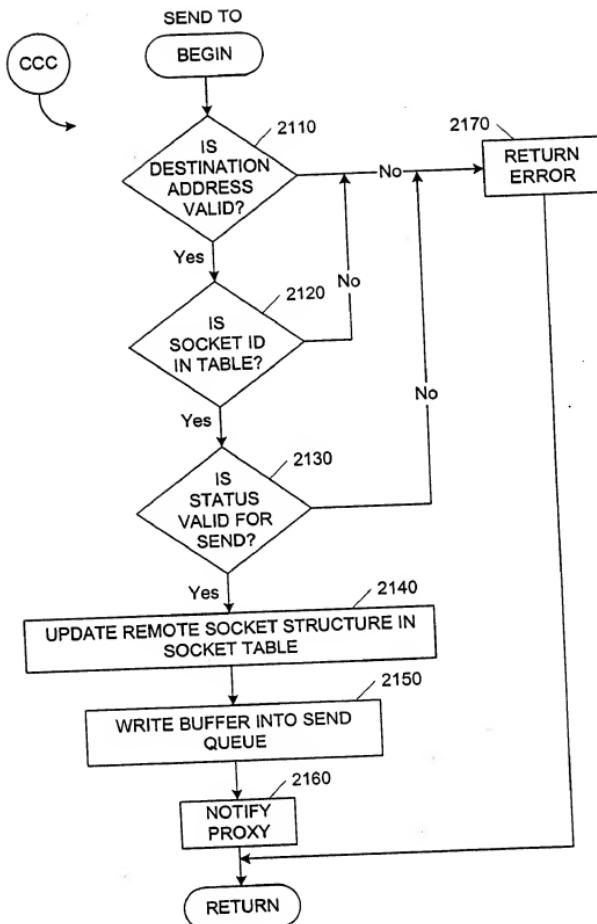
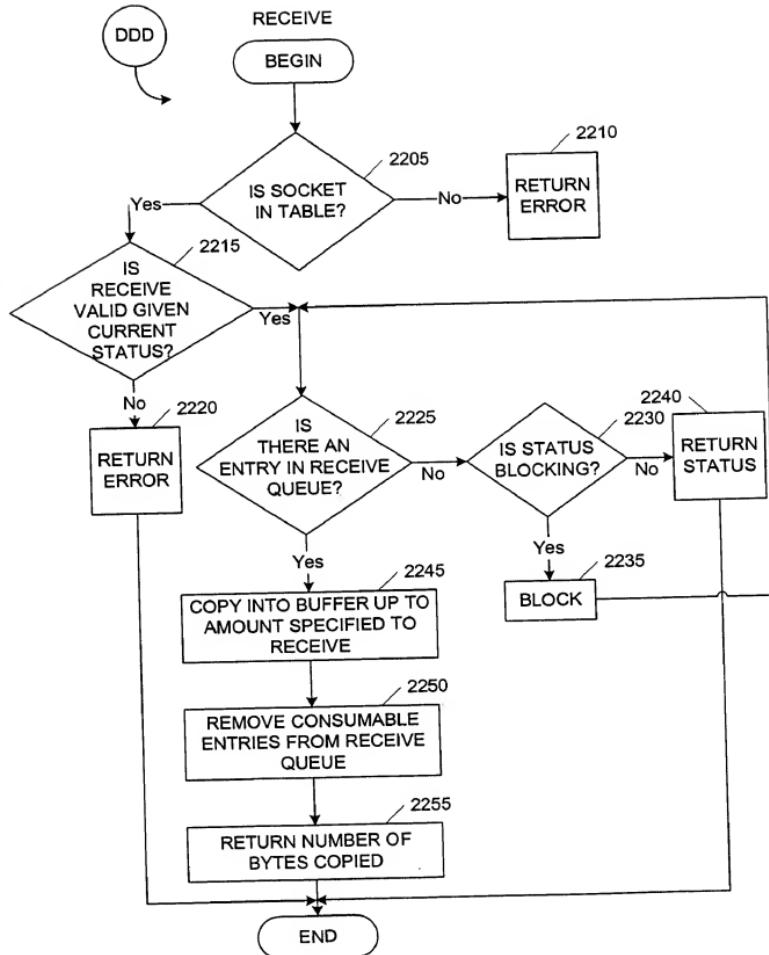
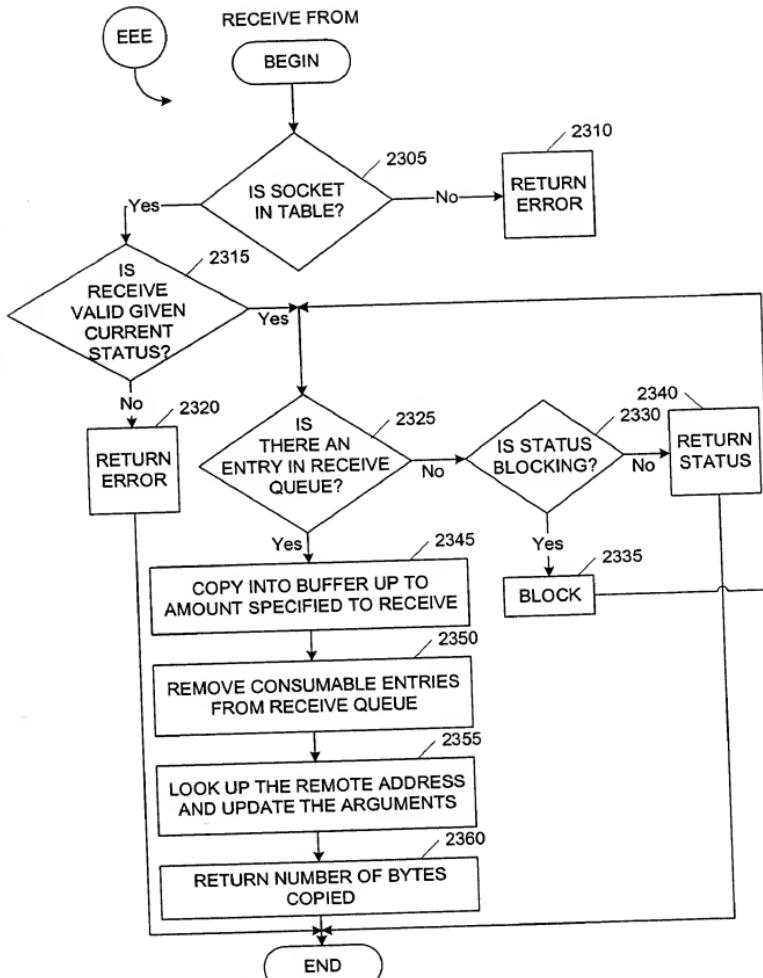


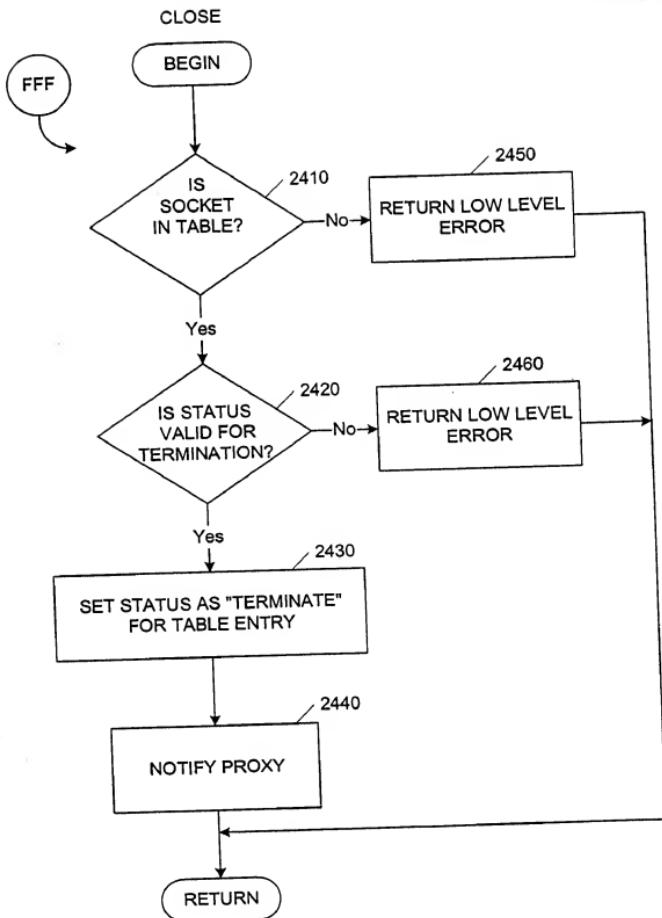
FIG. 21



**FIG. 22**



**FIG. 23**

**FIG. 24**

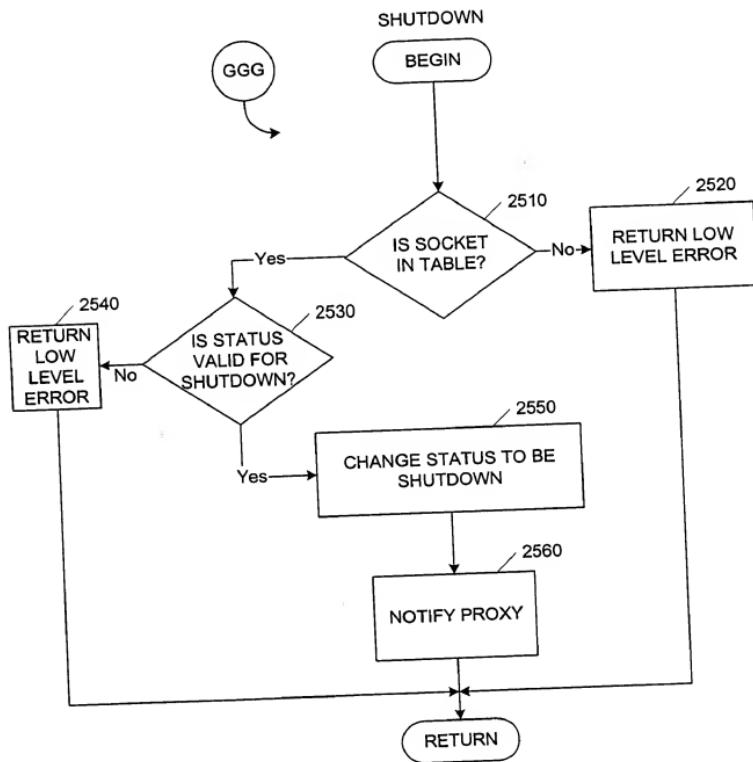


FIG. 25

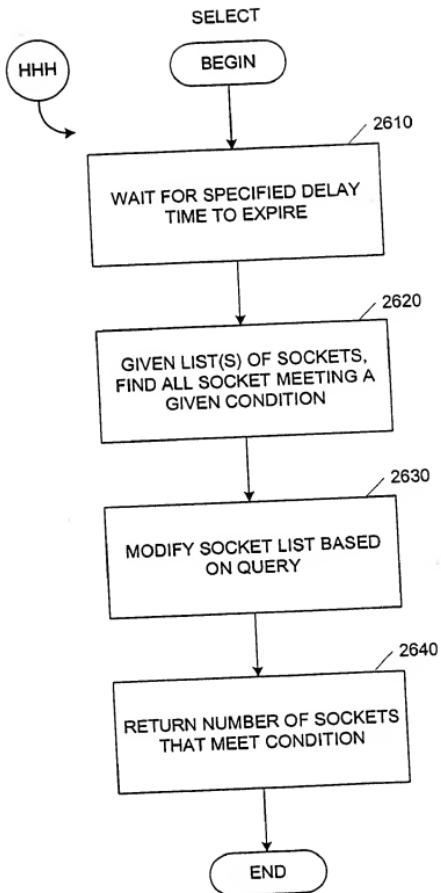
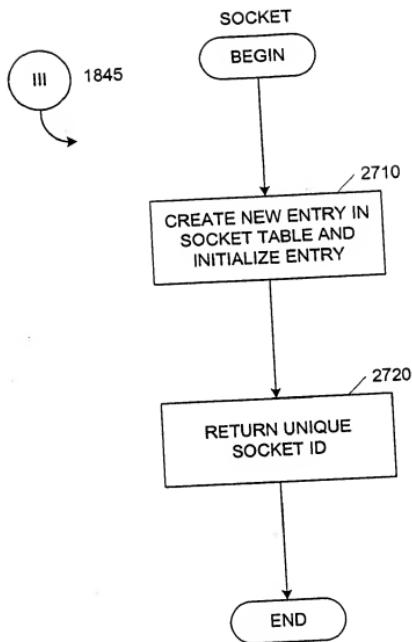
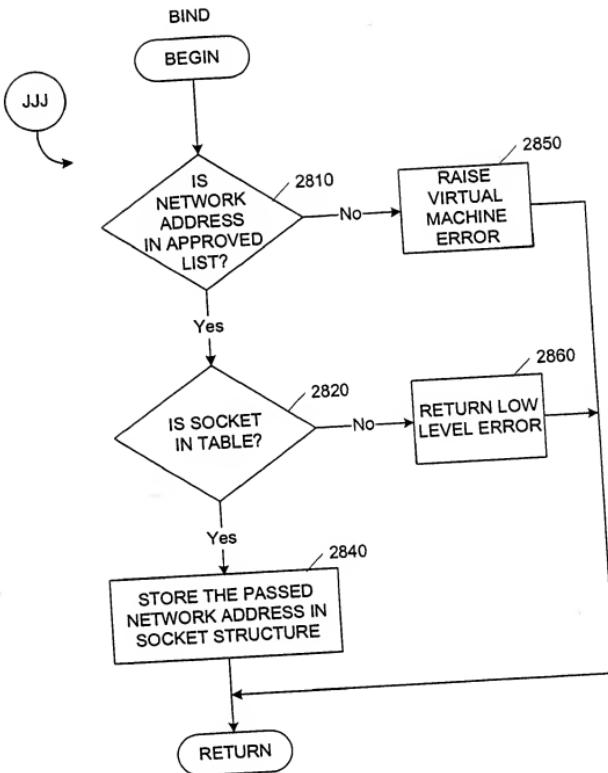


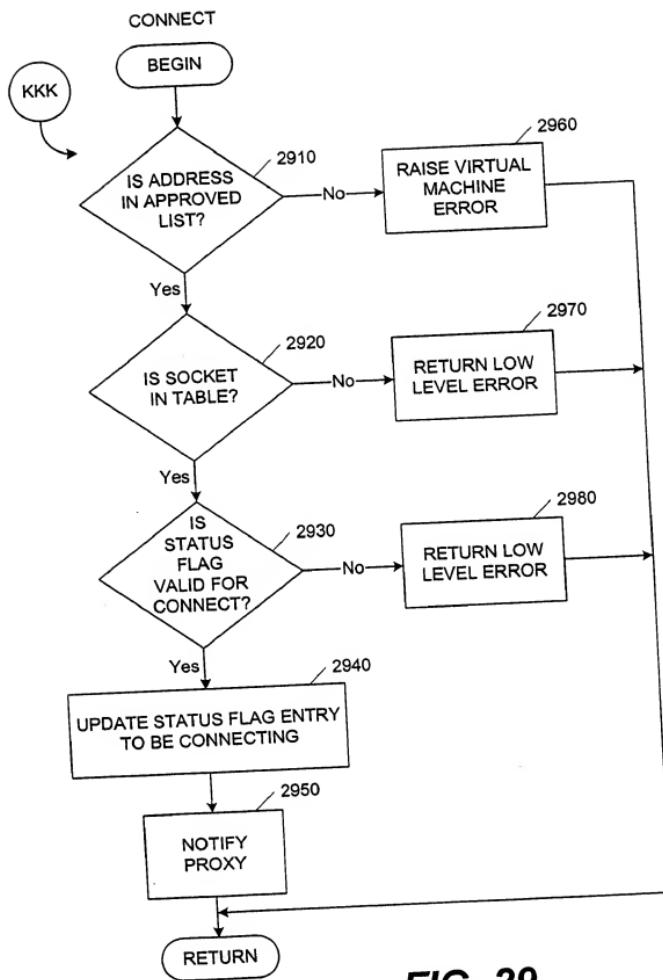
FIG. 26



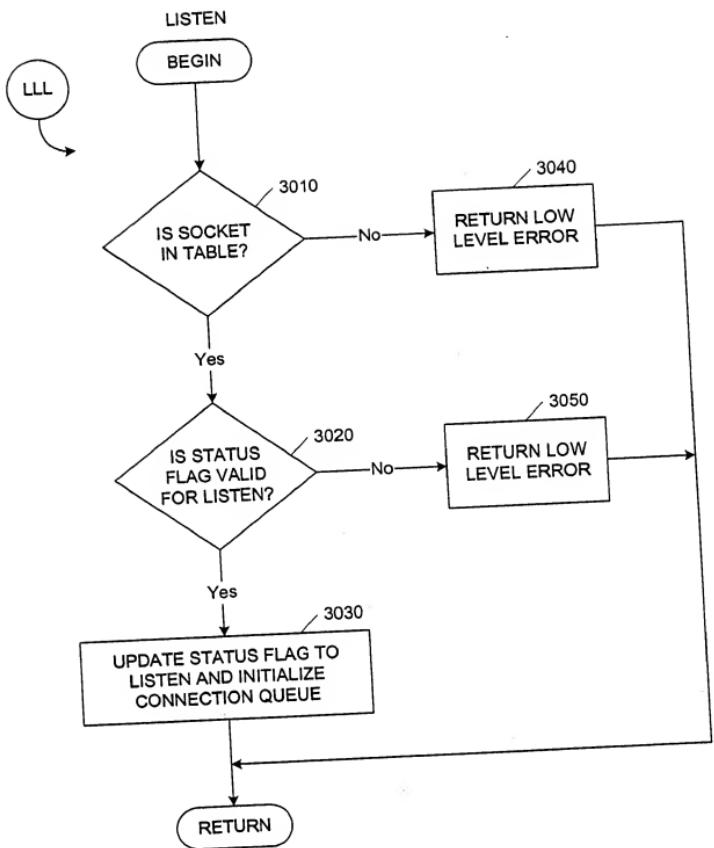
**FIG. 27**



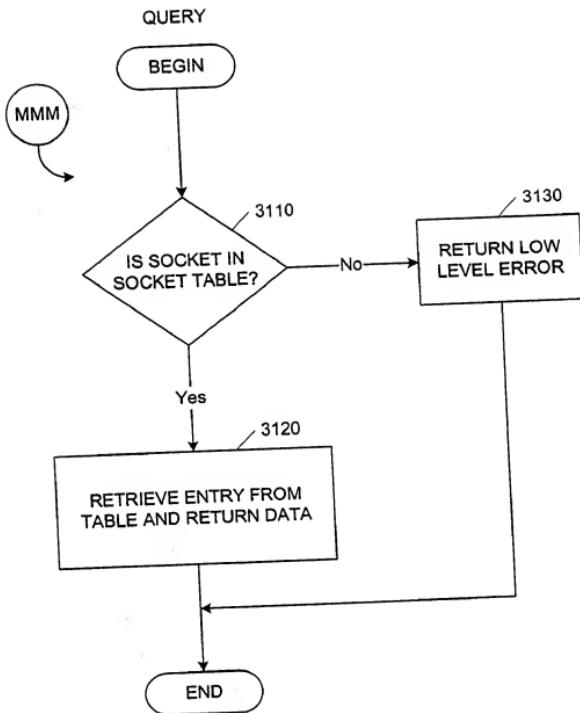
**FIG. 28**



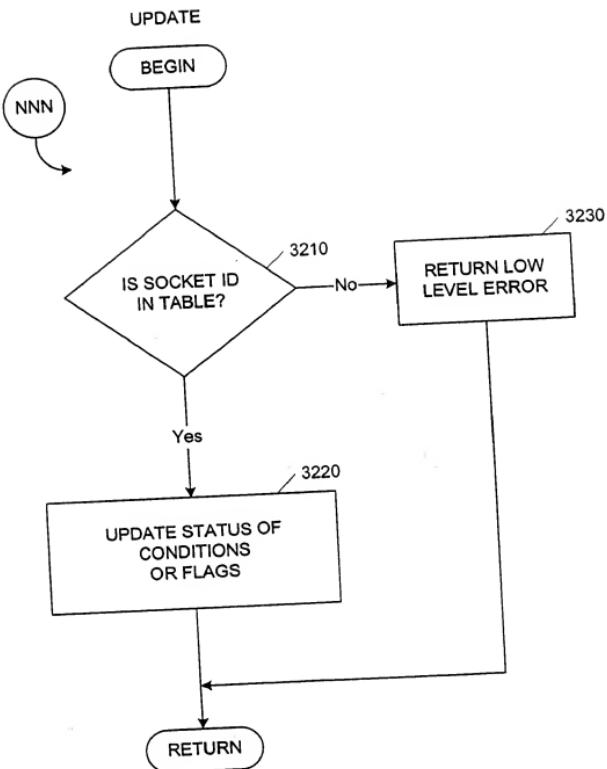
**FIG. 29**



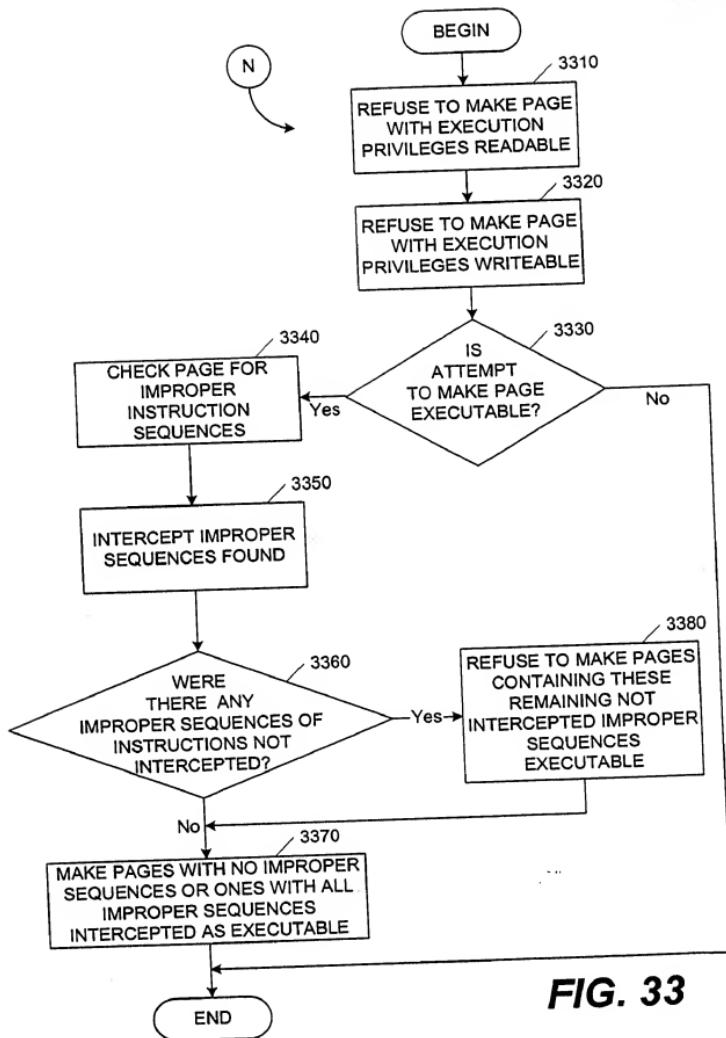
**FIG. 30**

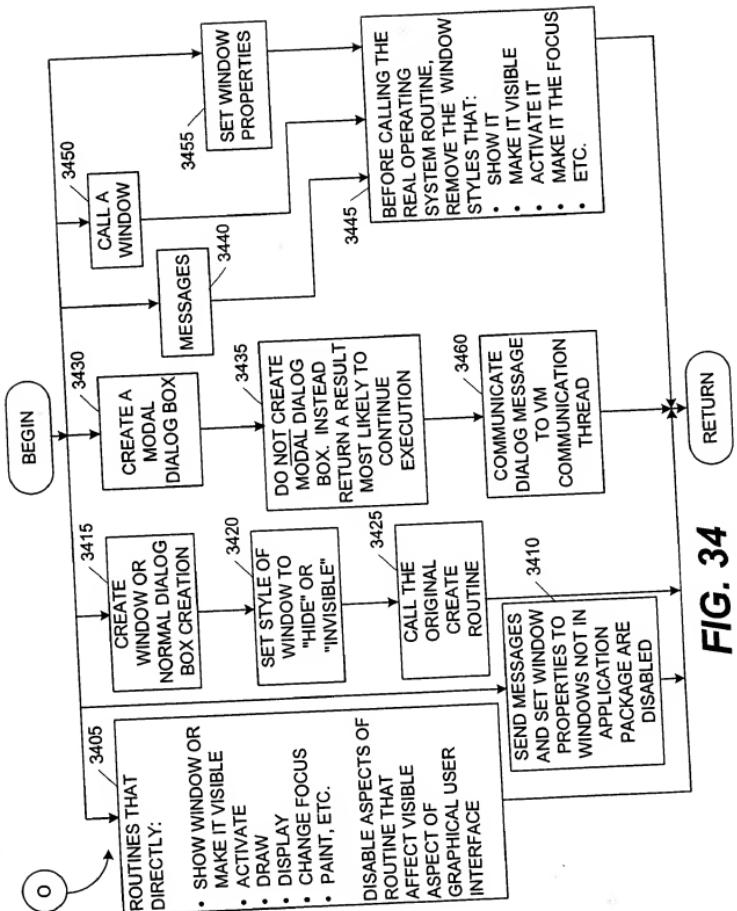


**FIG. 31**



**FIG. 32**

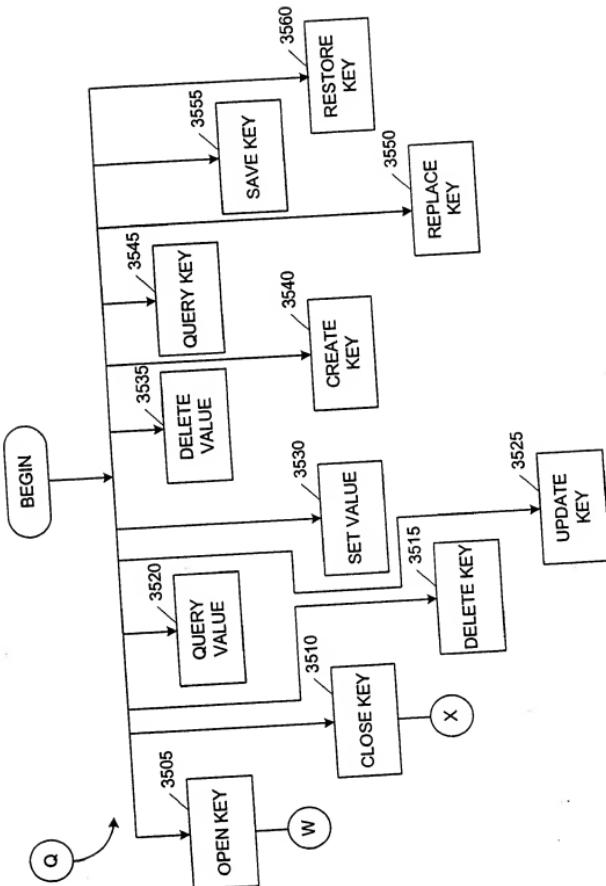
**FIG. 33**

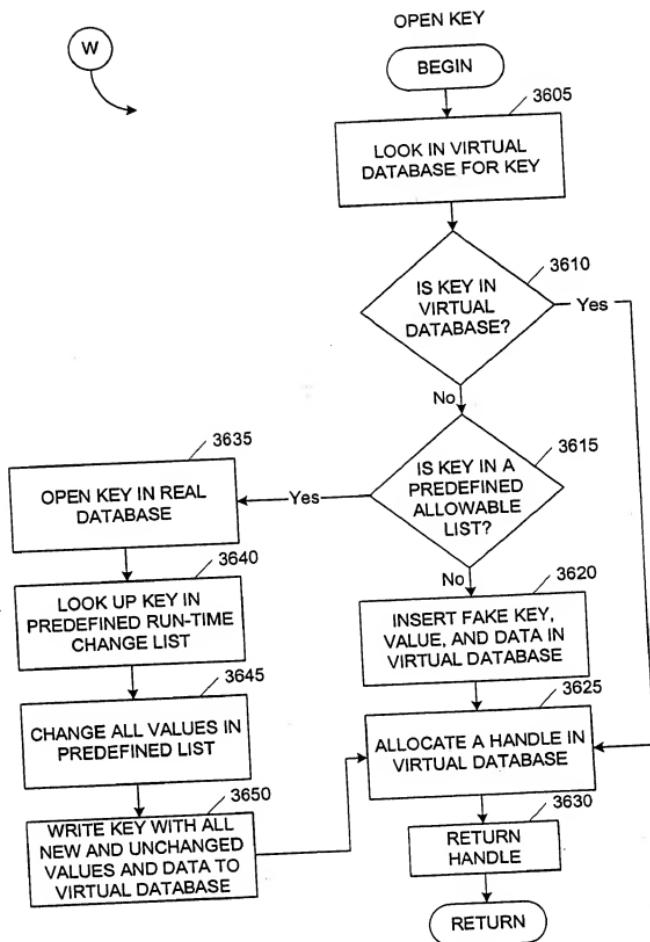


**FIG. 34**

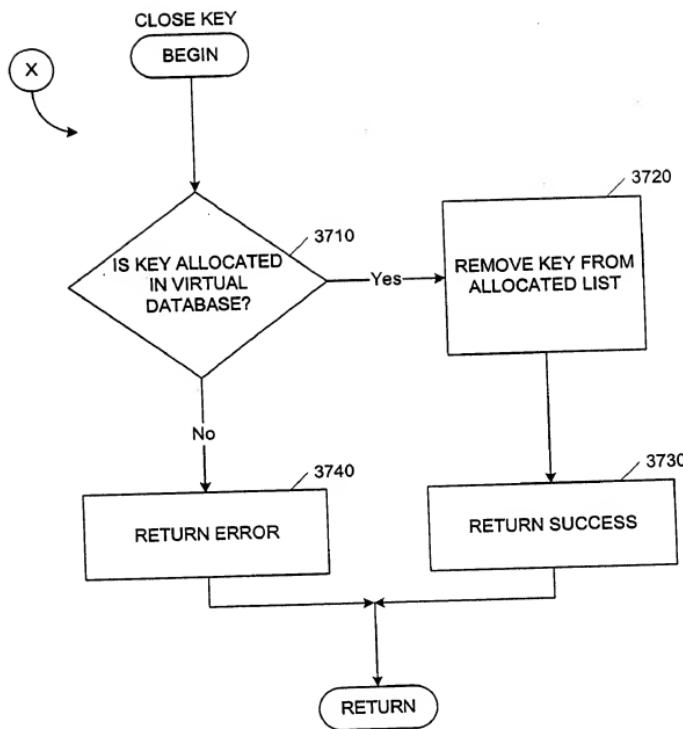
FIG. 35

የኢትዮጵያ ፌዴራል የኢትዮጵያ ማኅበር ማኅበር

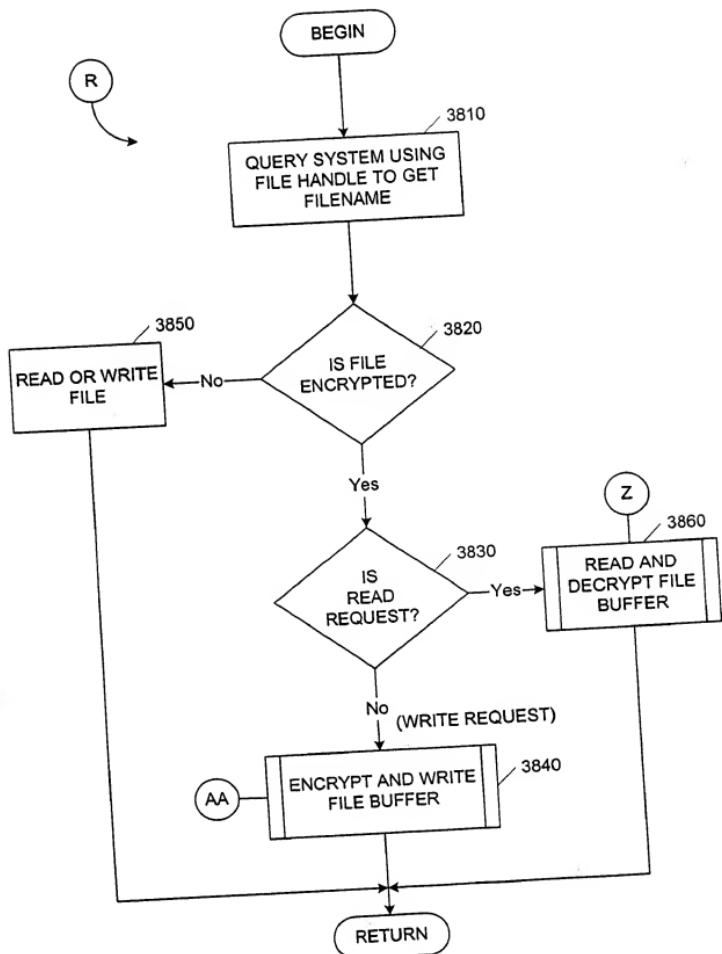




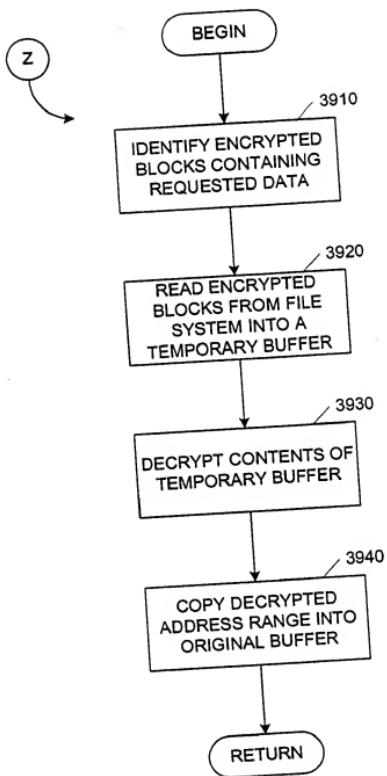
**FIG. 36**



**FIG. 37**

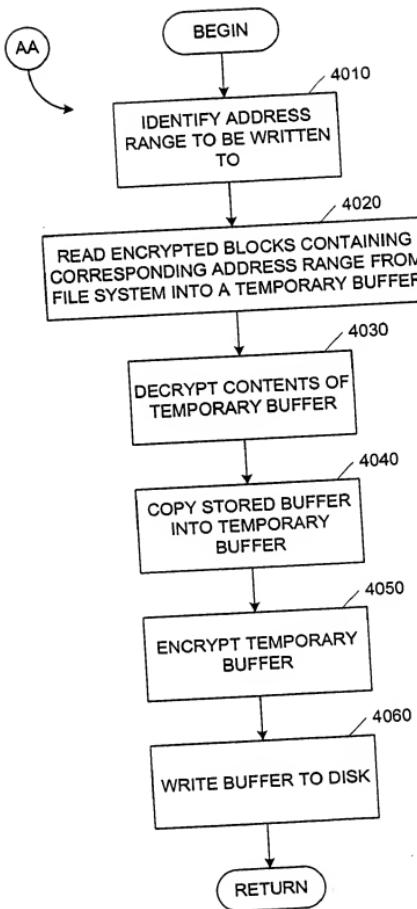


403660 = 0000000000000000



**FIG. 39**

TO 0300 = 3072000



**FIG. 40**

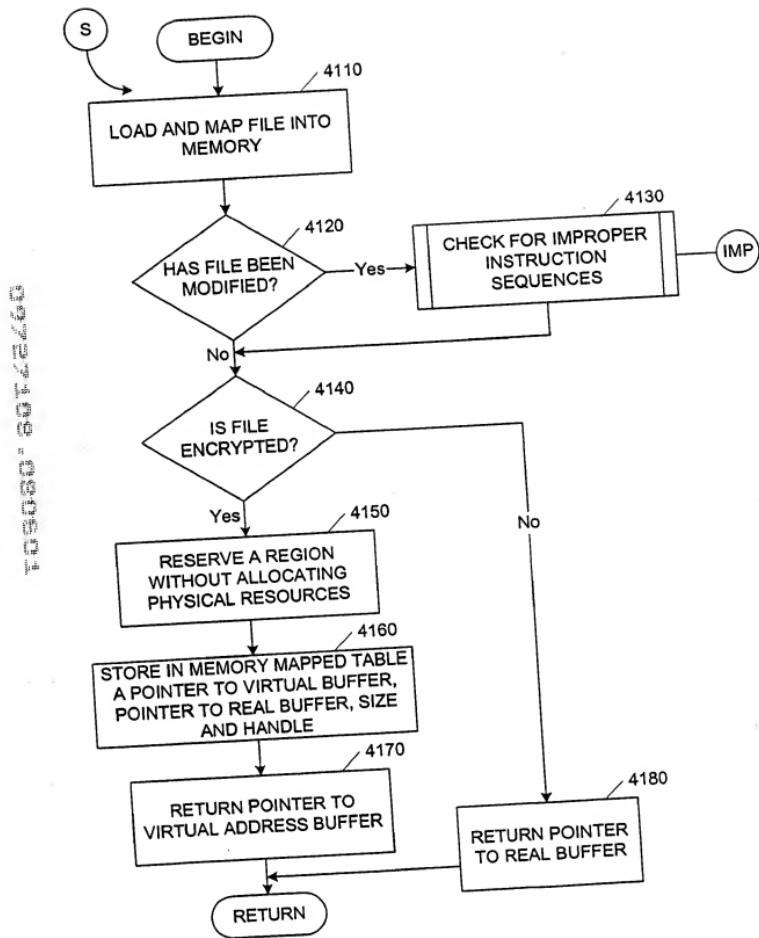
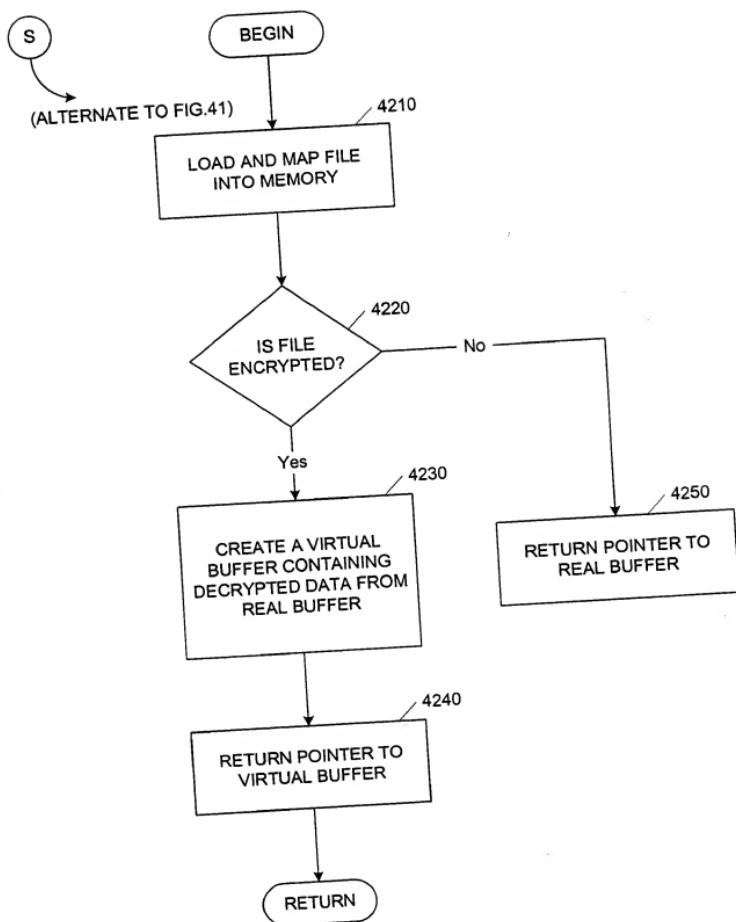
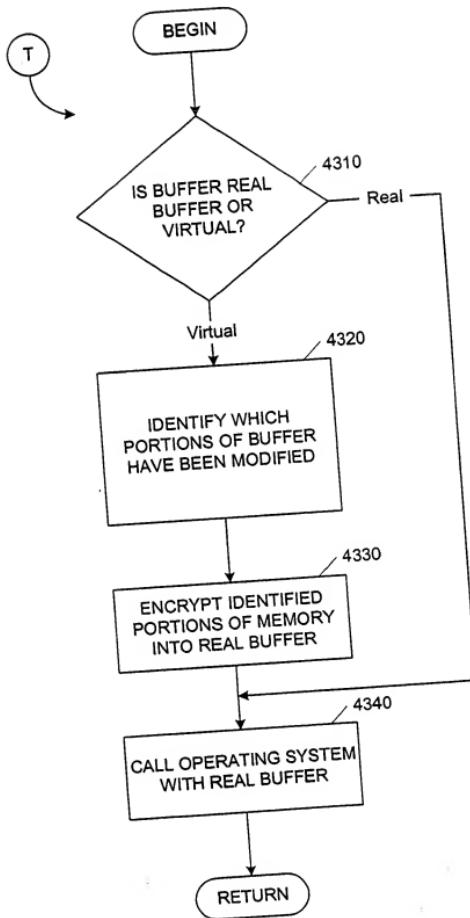


FIG. 41

00000000000000000000000000000000

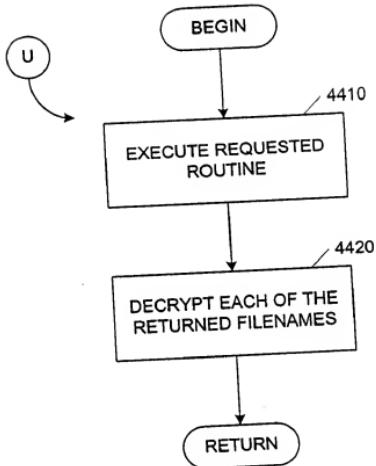


**FIG. 42**



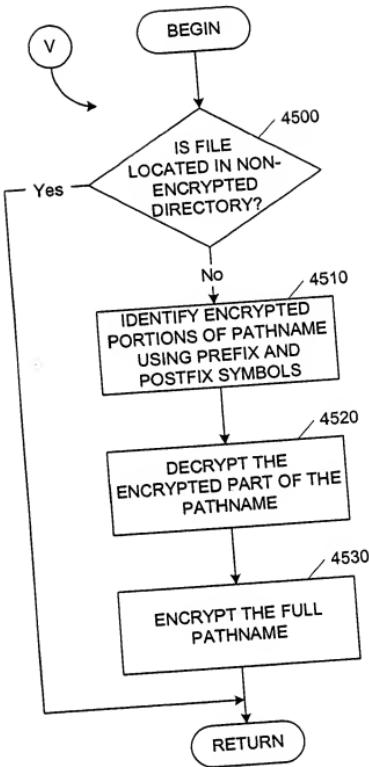
**FIG. 43**

TOP SECRET//SI



**FIG. 44**

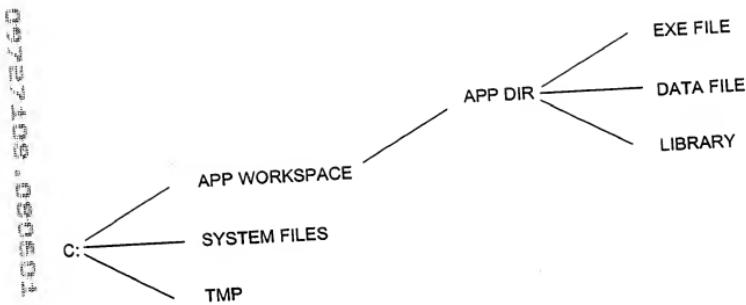
TO50000-SOT-72-100



**FIG. 45**



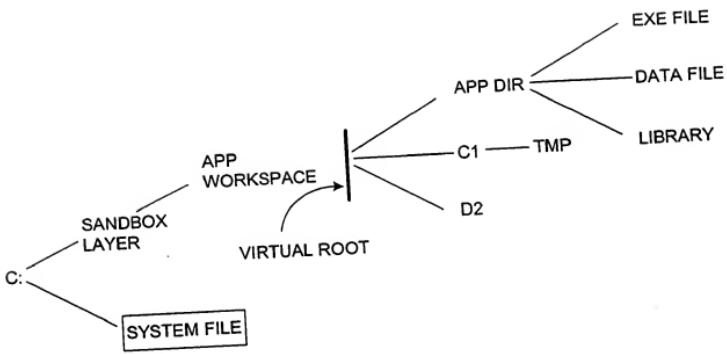
TRADITIONAL  
SYSTEM LAYOUT



**FIG. 46**



VIRTUALIZED  
SYSTEM LAYOUT



**FIG. 47**

SOCKET TABLE		4832	4828	4824	4820	4816	4812	4804	"ENTRY" LOCAL SOCKET STRUCTURE
		RECEIVE QUEUE	SEND QUEUE	SOCKET OPTIONS	SOCKET STATUS	REMOTE SOCKET STRUCTURE	LOCAL SOCKET STRUCTURE		

4800

SOCKET STRUCTURE

- UNIQUE SOCKET ID
- SOCKET TYPE
- PROTOCOLS
- OPTIONS
- NETWORK ADDRESSES
- EVENT
- FAMILY
- BLOCKING

SOCKET STATUS

- UNCONNECTED
- RECEIVING
- SENDING
- LISTENING
- CONNECTED
- DISCONNECTED
- TERMINATED
- SHUTDOWN
- BOUND
- CONNECTING

**FIG. 48**

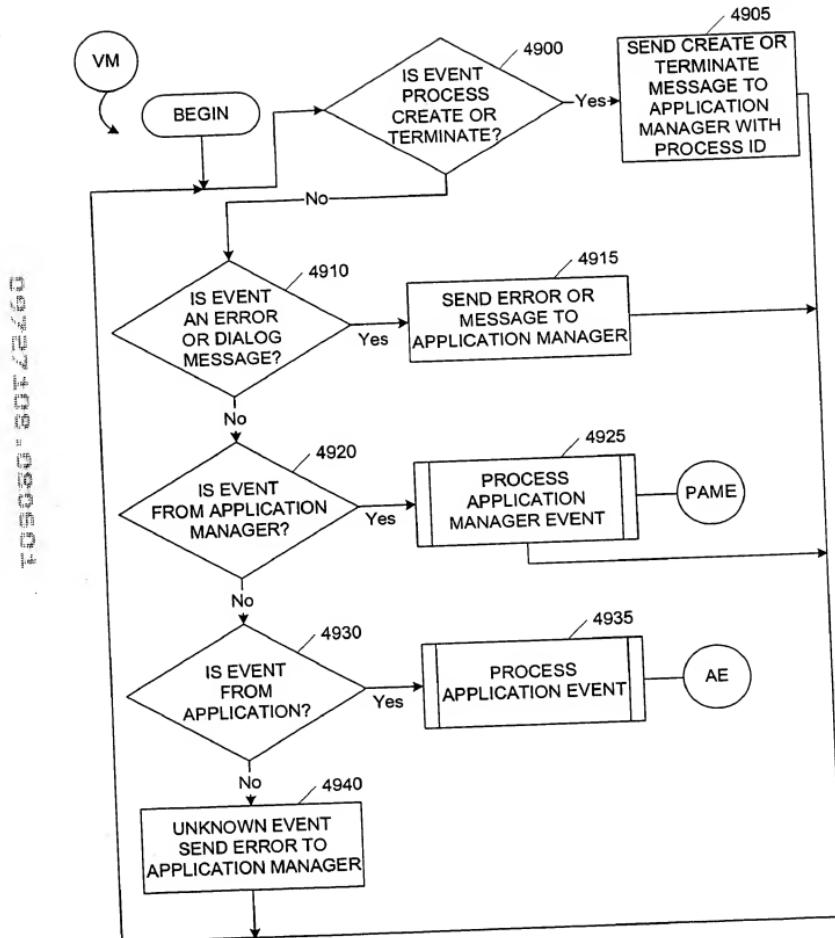


FIG. 49

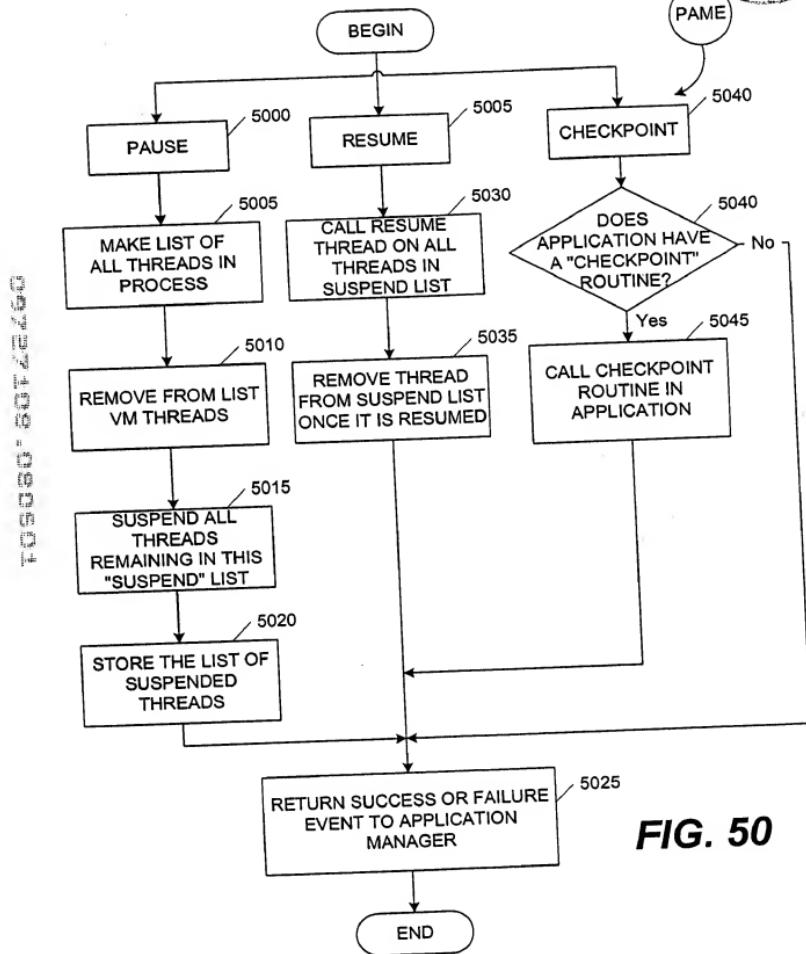
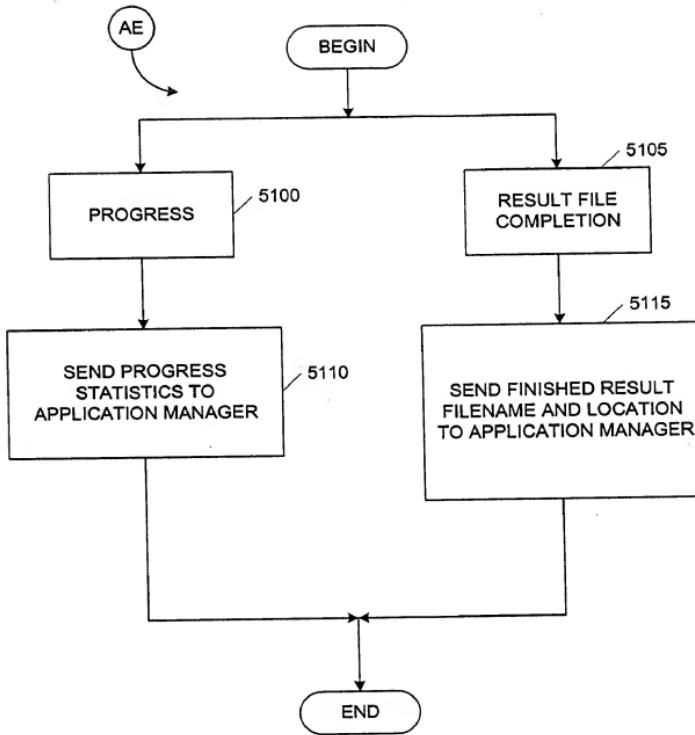


FIG. 50

100000-0073741



**FIG. 51**